|  | · Index of Claims |            |               |           |                |       |         |          |            |           |           |              |            | Application/Control No. |              |                    |                       |          |          |               |                |           |          | Reexamination |          |         |          |           |                 |          |          |           |          |   |
|--|-------------------|------------|---------------|-----------|----------------|-------|---------|----------|------------|-----------|-----------|--------------|------------|-------------------------|--------------|--------------------|-----------------------|----------|----------|---------------|----------------|-----------|----------|---------------|----------|---------|----------|-----------|-----------------|----------|----------|-----------|----------|---|
|  |                   |            |               |           |                |       |         |          |            |           |           | ۱,           | 10/802,280 |                         |              |                    |                       |          |          |               |                |           |          | URATA ET AL.  |          |         |          |           |                 |          |          |           |          |   |
|  |                   |            |               |           |                |       |         |          |            |           |           |              | Examiner   |                         |              |                    |                       |          |          |               |                |           | Art Unit |               |          |         |          |           |                 |          |          |           |          |   |
|  |                   |            |               |           |                |       |         |          |            |           | ١.        |              |            |                         |              |                    |                       |          |          |               | 1614           |           |          |               |          |         |          |           |                 |          |          |           |          |   |
|  |                   |            |               |           |                |       |         |          |            |           |           |              |            |                         |              |                    | Raymond J. Henley III |          |          |               |                |           |          |               |          | 1014    |          |           |                 |          |          |           |          | _ |
|  | (Through numeral) |            |               |           |                |       |         |          |            |           |           |              |            |                         | call Control |                    |                       |          |          |               |                |           |          | Γ             | A====1   |         |          |           |                 | 7        |          |           |          |   |
| √ Rejected —                                     |                   |            |               |           |                |       |         |          |            |           | Cancelled |              |            |                         |              |                    | N Non-El              |          |          |               |                | lec       | cted     |               |          |         | Appeal   |           |                 |          |          |           |          |   |
| <del>                                     </del> |                   |            |               |           |                |       |         | _        | Bookstond  |           |           |              |            |                         | I Interfet   |                    |                       |          |          | nce           |                |           |          | O۲            | iec      | tod     | 4        |           |                 |          |          |           |          |   |
| = Allowed  |                   |            |               |           |                |       | +       |          | Restricted |           |           |              |            |                         |              | I Interfer         |                       |          | ere      | euca          |                |           | Objected |               |          | _       |          |           |                 |          |          |           |          |   |
|  | Claim Date        |            |               |           |                |       |         | _        |            |           |           |              |            |                         | Date         |                    |                       |          |          | <br>7::::     | Claim          |           |          |               | Date     |         |          |           |                 |          |          |           |          |   |
|  | 7 7 10            |            |               | te T      |                |       | ᅱ       | Claim    |            |           | 12        |              |            |                         | Jate         | T T                |                       |          | 1        |               |                | $\dagger$ | П        |               |          |         | Τ        | T         |                 |          |          |           |          |   |
|  | Final             | Original   |               | 5         | عاد            | 1     |         |          |            |           |           | Final        | Original   | וו                      |              | $\mathbb{N}_{\nu}$ |                       |          |          | 1             |                |           |          | Final         |          | П       |          |           |                 |          |          |           |          |   |
|  | ᇤ                 | Origine    | //            | Tu        |                | 1     |         |          |            | ı         |           | Œ            | δ          | 01                      | 7            | 2                  | 4                     |          |          | -             |                |           |          | "  ŏ          |          | Ш       |          |           | 1               |          |          |           |          |   |
|  |                   | ωí         |               | Ť         | 7              | 1     |         |          |            |           |           |              | 51         | ~                       | 72           | 15                 | 口                     |          |          | 丰             | T              | ]         | ľ        | 10            | 1        |         | $\dashv$ | 4         | 4               | -        | $\bot$   | ╁┥        |          |   |
|  |                   | 2          | I             | $\perp$   | Į.             | F     |         |          |            | $\dashv$  |           |              | 52<br>53   | 뷨                       | ╁            | H                  | <del>/</del>          | Н        | $\dashv$ | $\dashv$      | ╁              | -         | ┢        | 10<br>10      |          | Н       | 1        | 士         | 1               | 1        | $\pm$    | 廿         |          |   |
|  |                   | 3          | $\mathcal{H}$ | ╫         | ╫╴             | ╁╴    | H       |          |            | $\exists$ |           |              | 54         | Τ                       | E            | I                  |                       |          |          | ゴ             | 1              | ]         | ľ        | 10            | 4        | $\Box$  | $\Box$   | $\dashv$  | 1               | $\bot$   | 1        | $\Box$    |          |   |
|  |                   | 5          | I             |           |                | I     |         |          |            | $\Box$    |           |              | 55<br>56   |                         | 1            | ╀                  | 1                     | L        | -        | +             | +              | -         | ╬        | 10<br>10      |          | H       | Н        | +         | ╅               | +        | ╁        | +         |          |   |
|  |                   | 7          | H             | +         | ₩              | ╁     | ╂┤      | Н        | $\vdash$   | ㅓ         |           |              | 57         | t                       | ╁            | ╁                  | $\dagger$             |          |          | 士             | 土              | _         | t        | 10            | 7        |         |          | $\Box$    | $\perp$         | 1        | I        | $\square$ |          |   |
|  |                   | 8          | Ц             | 士         |                | 土     |         |          |            |           |           |              | 58         | T                       | I            | I                  | Ţ                     |          | $\Box$   | 4             | +              | -         | ┡        | 10<br>10      |          | ╀       | Н        | +         | ╁               | +        | +        | H         |          |   |
|  |                   | 9          | $\prod$       | 4         | -              | +     | +-      | Н        | Н          | $\dashv$  |           |              | 59<br>60   |                         | +-           | +                  | ╁                     | -        | Н        | +             | ╅              | ┪         | ŀ        | 11            |          |         |          |           | 土               |          | Í        |           |          |   |
|  |                   | 10         | Ħ             | +         | $\parallel$    | $\pm$ | $\Box$  |          |            |           |           |              | 61         |                         | 1            | 丰                  |                       |          |          | $\Box$        | 7              | ]         | -        | 11            |          | 1       | Н        | 4         | +               | +        | +        | ╀         |          | • |
|  |                   | 12         | $\parallel$   | $\bot$    | $ lap{1}$      | Ŧ     | $\perp$ |          | Н          | Щ         |           |              | 62<br>63   |                         | ╀            | ╀                  | +                     | $\vdash$ | Н        | $\dashv$      | ╁              | -         | -        | 11            |          | +       | H        | $\dashv$  | t               | İ        | 士        |           |          |   |
|  | -                 | 13         | ╢             | ╁         | ╫              | ╁     | ╁╌      | $\vdash$ | Н          |           |           |              | 64         | T                       |              | 土                  |                       |          |          | ゴ             | #              | ]         | -        | 11            | 4        | I       | П        | 7         | 7               | 7        | 4        | 4-        |          |   |
|  |                   | 15.        | #             | #         | 1              | T     | 1       |          |            |           |           |              | 65<br>66   |                         | +            | +                  | ╀                     | ├        | Н        | $\dashv$      | +              | -         | ŀ        | 11<br>11      | 6        | +       | Н        | 十         | +               | T        | 士        | $\perp$   |          |   |
|  |                   | (18)<br>17 | ₩             | +         | ╀              | ╀     | ╁       | $\vdash$ | H          | Н         |           | _            | 67         |                         | 士            | $\pm$              | 上                     |          |          |               | 士              |           | ľ        | 11            | 7        | 1       |          | 7         | 1               | 4        | $\bot$   | $\perp$   |          |   |
|  |                   | 18         | Ц             |           | 1              | 1     | 二       |          |            |           |           |              | 68         | I                       | $\perp$      | $\perp$            | $\downarrow$          | L        | Н        | 4             | +              | -         | -        | 11            | 8        | ╁╌      | $\vdash$ | +         | +               | ╁        | +        | ╁         |          |   |
|  | _                 | 19<br>20   | H             | +         | $\blacksquare$ | +     | +-      | -        | -          | $\vdash$  |           | -            | 69<br>70   | +                       | +            | ╁                  | +                     | ┢        |          |               | 士              | _         | t        | 12            | 0        | 工       |          | コ         | 1               | #        | 1        |           |          |   |
|  |                   | 21         | H             |           |                | 土     |         |          |            |           |           |              | 71         | T                       | Ţ            | Ţ                  | Ţ                     | F        |          | _             | $\dashv$       | -         | -        | 12            |          | ╁       | Н        | $\dashv$  | +               | +        | +        | ╁         |          |   |
|  |                   | 22         | $\coprod$     | 4         | #              | +     | ╀       | -        | H          |           |           |              | 72<br>73   |                         | ╫            | ╁                  | +                     | ┢        | Н        | -             | +              | ┨         | ŀ        | 12            | 3        | 工       |          |           | ゴ               | 1        | 1        |           |          |   |
|  | -                 | 23<br>24   | Н             | +         | H              | $\pm$ |         |          |            |           |           |              | 74         | Т                       | #            | 1                  |                       |          |          |               | Ŧ              | ]         | Į        | 12            |          | $\perp$ | Н        | $\dashv$  | +               | +        | +        | +-        |          |   |
|  |                   | (25)       | П             | $\exists$ | $\prod$        | Ţ     | 1       |          | L          | _         |           |              | 75<br>76   |                         | ╬            | ╁                  | ┿                     | ├        | Н        | -             | +              | -         | ╬        | 12            | 6        |         |          | $\exists$ | 士               |          | 士        |           |          |   |
|  | _                 | 26<br>27   | Н             | +         | ╫              | +     | ╁╴      |          |            |           |           |              | 77         |                         | 1            | 1                  | $\perp$               |          |          | $\Box$        | $\blacksquare$ |           |          | 12<br>12      | 7        | $\perp$ | Н        | 4         | $\dashv$        | +        | +        | ╢         |          |   |
|  |                   | 28         | Ц             | コ         | П              | Ţ     | I       |          |            |           |           | _            | 75<br>75   |                         | +            | +                  | ╀                     | ╁        | _        | $\dashv$      | +              | -         | ⊪        | 12            |          | +       | Н        |           | $\pm$           | 1        | 士        | 上         |          |   |
|  | <u> </u>          | 29<br>30   | H             | +         | H              | +     | +       | -        | -          | $\vdash$  |           |              | 80         |                         | 1            | 1                  | 士                     | 口        |          |               | コ              | $\exists$ |          | 13            | 0        | $\top$  | П        | П         | 4               | 4        | 4        | +         | 1        |   |
|  |                   | 31         | Ц             | ゴ         |                | I     | 丰       |          |            |           |           |              | 81         |                         | 4-           | 4                  | ╀                     | ╀        | ┝        | Н             | +              | -         | ⊪        | 13            |          | ╁       | Н        | Н         | $\dashv$        | +        | $\pm$    | +         | <u> </u> |   |
|  |                   | 32<br>33   | Н             | +         | H              | +     | ╁╴      | ╀╌       | ╀          | ┢         |           | _            | 83         |                         | $\dagger$    | $\pm$              | +                     |          |          |               | ユ              |           |          | 13            | 3        | 工       |          | 口         | $\Box$          |          | 7        | $\perp$   |          |   |
|  | $\vdash$          | (32)       | Н             |           | 廿              | 土     |         |          |            |           |           |              | 84         |                         | 1            | Ţ                  | 1                     | -        | L        | Н             | +              | -         |          | 13            |          | +       |          | $\vdash$  | ┽               | $\dashv$ | +        | ╁         |          |   |
|  |                   | 35         | Н             | -         | ₩              | +     | ╁       | ╀        | ╀          | ├         |           |              | 85         |                         | ╁            | ╁                  | ╁                     | ╁╌       | ┝        | H             | $\pm$          |           |          | 13            | 6        |         |          |           | コ               | コ        | 1        | I         | 1        |   |
|  | ├─                | 37         | Н             |           | $\parallel$    | $\pm$ | 土       | 上        |            |           |           |              | 87         | 1                       | 1            | #                  | 1                     | L        | L        | П             | 4              | _         | ļ        | 13<br>13      |          | - -     | ├        | Н         | $\dashv$        | ╅        | +        | ╁         |          |   |
|  |                   | 38         | H             |           | $\prod$        | 1     | +       | -        | ╀          | -         |           | <del> </del> | 88         |                         | ╁            | +                  | ┿                     | ╁╴       | ╁        | Н             | $\dashv$       | -         |          | 13            |          | 士       |          |           | $\sqsupset$     | $\Box$   | ゴ        |           | 1        |   |
| · • .  | $\vdash$          | 39<br>40   | H             | +         | ╫              | +     | $\pm$   |          | L          |           |           |              | 90         |                         | #            | $\downarrow$       | #                     | I        | L        | 口             | $\dashv$       |           |          | 14            |          | $\bot$  | $\vdash$ | $\vdash$  | $\dashv$        | $\dashv$ | +        | +         | {        |   |
|  | 匚                 | 41         | $\parallel$   |           | $\parallel$    | Ţ     | Ŧ       | F        | Г          | F         |           | <u> </u>     | 9          |                         | +            | +                  | +                     | ╀        | +        | H             | $\dashv$       | -         |          | 14            | 2        | +       | T        | H         |                 | 士        | 士        | 士         | 1        |   |
|  | -                 | 42         | H             | $\dashv$  | +              | +     | 十       | 十        | +          | $\vdash$  |           | _            | 93         | 3 ]                     | 士            | 士                  | 士                     | 上        | 上        |               | ゴ              | $\exists$ |          | 14            | 3        | I       |          | П         | $\Box$          | $\neg$   | 4        | +         | {        |   |
|  |                   | (44)       | #             |           | #              | 丰     | I       | L        |            | F         |           | F            | 9          |                         | -            | $\mp$              | +                     | +        | 1-       | Н             | $\dashv$       | -         |          |               | 14<br>15 | ╁       | +        | Н         | ${\mathbb H}$   | $\dashv$ | _+       | +         | <u> </u> |   |
|  | -                 | 45<br>46   | #             | +         | #              | +     | +       | ╁        | ╁          | ╁         |           | -            | 99         | _                       | $\dagger$    | 士                  | 士                     | 上        |          | Ħ             | 士              |           |          | 1.            | 6        | 1       | I        | $\Box$    | 口               | $\Box$   | 7        | T         | ]        |   |
|  |                   | 47         | t             |           | #              | 士     | 丰       | 二        | I          | 匚         |           |              | 9          | 7                       | 7            | 7                  | 7                     | $\bot$   | F        |               | $\dashv$       | 4         |          |               | 17<br>18 | +       | ╀        | $\vdash$  | $\vdash \vdash$ | $\dashv$ | $\dashv$ | +         | 1        |   |
|  | $\sqsubseteq$     | 48         |               |           | . IK           |       | +       | +        | ╀          | +-        |           | -            | 9:         |                         | +            | +                  | 十                     | +        | +        | +             | H              | $\dashv$  |          | 1.            | 19       | 士       | 上        |           | 口               |          | コ        | 丰         | ]        |   |
|  | L                 | 49         | ı             |           | <b>.</b> //\   | 4     | 4       | +        | +          | +-        | liiii     | :            | 1.0        |                         | $\dashv$     | 十                  | $\dashv$              | 1        | 1        | $\overline{}$ |                | 7:        |          | 1             | 50       |         | 1        | 1         | 1               |          | - 1      | - 1       | 1        |   |